

Explore Angles

Find how many $\frac{1}{6}$ turns make a complete circle.

Materials: fraction circles

Step 1 Place a $\frac{1}{6}$ piece so the tip of the fraction piece is on the center of the circle. Trace the fraction piece by drawing along the dashed lines in the circle.

Step 2 Shade and label the angle formed by the $\frac{1}{6}$ piece.

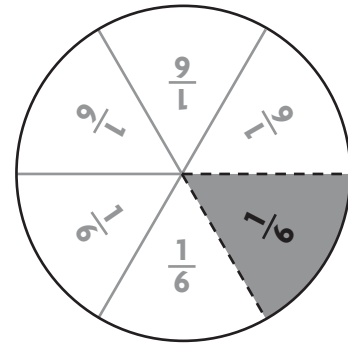
Step 3 Place the $\frac{1}{6}$ piece on the shaded angle. Turn it clockwise (in the direction that the hands on a clock move). Turn the fraction piece to line up directly beside the shaded section.

Step 4 Trace the fraction piece. Shade and label it. You have traced 2 sixths in all.

Step 5 Repeat until you have shaded the entire circle.

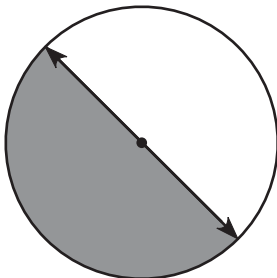
There are six angles that come together in the center of the circle.

So, you need six $\frac{1}{6}$ turns to make a circle.

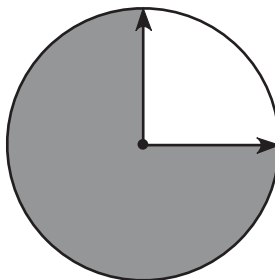


Tell what fraction of the circle the shaded angle represents.

1



2



3

